
Overweight and Obesity

OVERWEIGHT OR OBESE

Definition: *Overweight or obese is defined as respondents who report having a Body Mass Index (BMI) of 25.0 or above. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by his or her height in inches divided by height in inches (again) times 703 (i.e., $((wt/ht)/ht \times 703)$.*

Prevalence of Overweight or Obese

- South Dakota 65.5%
- Nationwide median 62.9%

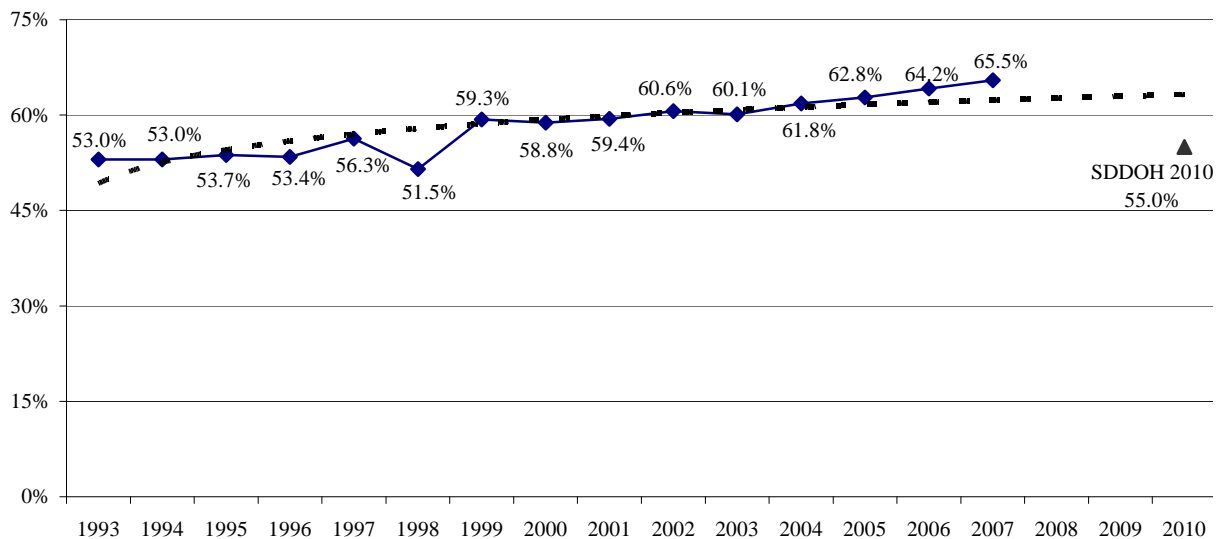
South Dakota Department of Health 2010 Initiative

Reduce the percent of adults who are overweight or obese to 55 percent.

Trend Analysis

Overall, the percent of respondents who are overweight or obese has been increasing since the question was first asked in 1993. South Dakota has not met the *South Dakota Department of Health 2010 Initiative* goal of 55 percent.

Figure 1
Percent of Respondents Who Are Overweight or Obese Based on Body Mass Index, 1993-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2007

Demographics

Gender

Males exhibit a significantly higher prevalence of those who are overweight or obese than females. This difference is shown throughout many demographic groups including those with a household income of \$25,000 or more and those with a high school education or higher.

Age	The prevalence of overweight or obesity increases as age increases until the 55-64 age group is reached, at which time the prevalence decreases as age increases. This includes a significant increase when the 25-34 age group is reached and then a significant decrease with the 75 and older population.
Race	American Indian females exhibit a significantly higher prevalence of those who are overweight or obese than do white females. This racial difference is not evident with males.
Region	Those in the central and American Indian counties regions demonstrate a very high prevalence of those who are overweight or obese while those in the southeast and west regions show a very low prevalence. These regional differences are much more evident in females.
Household Income	The prevalence of females who are overweight or obese generally decreases as household income increases. Males do not exhibit this same association.
Education	The prevalence of overweight or obese does not seem to follow a pattern as education changes.
Employment Status	Those who are self-employed or unable to work exhibit a very high prevalence of overweight or obesity, while those who are unemployed or a homemaker show a very low prevalence.
Marital Status	Those who are widowed or have never been married demonstrate a very low prevalence of those who are overweight or obese, while those who are married or divorced show a very high prevalence. These differences are much more evident with males than females with the exception of those who are widowed.

Table 4
Respondents Who Are Overweight or Obese, 2007

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,536	65.5	(63.7-67.3)	2,786	73.8	(71.2-76.3)	3,750	56.9	(54.5-59.3)
Age									
18-24	236	47.6	(39.7-55.6)	123	47.4	(36.6-58.4)	113	47.8	(36.4-59.5)
25-34	733	66.3	(62.2-70.2)	299	75.0	(68.9-80.1)	434	56.7	(51.2-61.9)
35-44	887	69.9	(66.2-73.3)	416	81.7	(76.9-85.7)	471	57.0	(51.6-62.3)
45-54	1,360	70.4	(67.5-73.3)	595	81.7	(77.7-85.1)	765	58.5	(54.3-62.6)
55-64	1,272	73.3	(70.4-76.1)	568	78.8	(74.7-82.5)	704	66.9	(62.7-70.8)
65-74	1,008	71.1	(67.7-74.3)	419	82.1	(77.6-85.9)	589	60.7	(55.8-65.3)
75+	1,002	58.8	(55.2-62.3)	358	68.1	(62.2-73.4)	644	52.6	(48.1-57.0)
Race									
White	5,721	65.1	(63.3-67.0)	2,449	74.4	(71.6-76.9)	3,272	55.8	(53.2-58.3)
American Indian	576	73.5	(66.1-79.8)	229	71.8	(59.2-81.7)	347	75.3	(67.6-81.6)
Region									
Southeast	1,448	65.2	(61.7-68.5)	635	73.1	(68.0-77.6)	813	56.5	(51.7-61.1)
Northeast	1,411	66.9	(63.6-70.0)	627	74.3	(69.3-78.8)	784	58.2	(53.8-62.5)
Central	1,357	71.0	(67.7-74.1)	573	77.4	(72.3-81.8)	784	64.6	(60.2-68.9)
West	1,468	59.8	(56.3-63.1)	597	71.6	(66.7-76.0)	871	49.8	(45.1-54.5)
American Indian Counties	852	75.6	(70.9-79.8)	354	79.1	(71.9-84.8)	498	72.0	(65.5-77.7)
Household Income									
Less than \$10,000	297	70.9	(61.6-78.8)	100	76.1	(64.0-85.1)	197	67.5	(53.4-79.1)
\$10,000-\$14,999	351	64.7	(56.2-72.4)	121	69.2	(56.2-79.7)	230	61.9	(50.5-72.1)
\$15,000-\$19,999	480	71.8	(65.9-77.1)	177	79.1	(70.4-85.7)	303	66.0	(58.1-73.1)
\$20,000-\$24,999	634	66.1	(59.0-72.5)	231	67.8	(57.7-76.5)	403	64.8	(54.8-73.6)
\$25,000-\$34,999	851	72.6	(68.2-76.6)	384	79.7	(73.7-84.6)	467	64.0	(57.8-69.7)
\$35,000-\$49,999	1,125	67.4	(63.6-71.0)	526	75.8	(70.6-80.3)	599	58.5	(52.9-63.8)
\$50,000-\$74,999	1,037	66.7	(62.5-70.6)	486	76.7	(70.3-82.1)	551	55.2	(49.7-60.7)
\$75,000+	1,017	63.3	(59.3-67.0)	526	74.8	(69.5-79.4)	491	47.1	(41.6-52.7)

Table 4 (continued) Respondents Who Are Overweight or Obese, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Education									
8th Grade or Less	248	65.8	(56.8-73.8)	136	70.7	(57.3-81.2)	112	56.6	(45.7-66.9)
Some High School	368	54.5	(45.2-63.6)	146	55.9	(41.0-69.9)	222	53.1	(42.1-63.8)
High School or G.E.D.	2,137	67.0	(63.6-70.1)	985	72.7	(68.0-76.9)	1,152	60.2	(55.3-64.9)
Some Post-High School	1,828	67.9	(64.7-71.0)	679	76.7	(71.2-81.4)	1,149	60.7	(56.8-64.5)
College Graduate	1,946	63.6	(60.6-66.6)	837	76.3	(72.5-79.7)	1,109	50.4	(46.2-54.6)
Employment Status									
Employed for Wages	3,041	66.5	(64.0-68.9)	1,274	74.8	(71.1-78.1)	1,767	57.8	(54.3-61.1)
Self-employed	948	74.2	(70.3-77.8)	636	79.2	(74.4-83.3)	312	61.1	(54.3-67.6)
Unemployed	150	58.0	(45.5-69.7)	*	*	*	*	*	*
Homemaker	399	53.2	(46.4-59.8)	*	*	*	*	*	*
Retired	1,579	65.9	(63.1-68.5)	625	78.1	(74.2-81.5)	954	55.1	(51.4-58.8)
Unable to Work	313	69.4	(62.1-75.8)	133	62.5	(52.0-71.9)	180	75.9	(66.2-83.6)
Marital Status									
Married/Unmarried Couple	3,926	68.4	(66.5-70.2)	1,805	79.2	(76.8-81.5)	2,121	56.7	(54.0-59.5)
Divorced/Separated	903	67.2	(63.1-71.1)	397	76.7	(70.6-81.8)	506	58.7	(53.0-64.2)
Widowed	991	61.3	(57.8-64.7)	174	72.9	(64.6-79.9)	817	58.7	(54.8-62.5)
Never Married	704	55.5	(48.8-62.0)	408	55.6	(47.3-63.6)	296	55.3	(44.1-65.9)

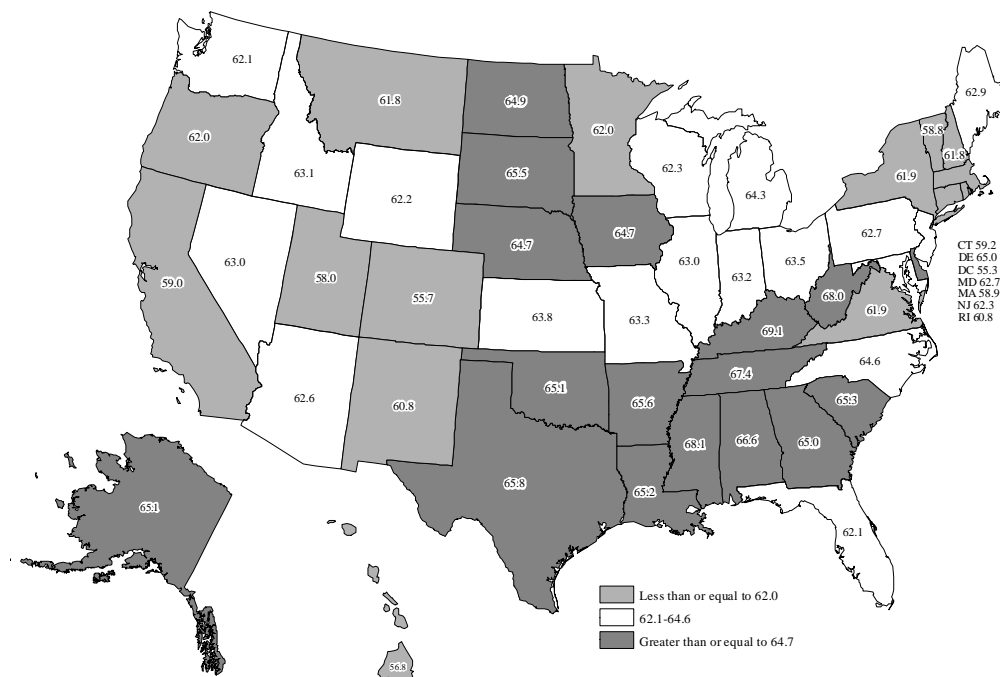
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

National Statistics

The national median for respondents who are overweight or obese was 62.9 percent. South Dakota had 65.5 percent of respondents who are overweight or obese. The District of Columbia had the lowest percent of respondents who are overweight or obese with 55.3 percent, while Kentucky had the highest percent of respondents who are overweight or obese with 69.1 percent.

Figure 2
Nationally, Respondents Who Are Overweight or Obese, 2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those who are overweight or obese for various health behaviors and conditions. For example, 84.8 percent of respondents who have diabetes are overweight or obese, while 64.1 percent of respondents who do not have diabetes are overweight or obese.

Table 5			
Overweight or Obese for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Overweight or Obese	95% CI
No Leisure Time Physical Activity	1,757	70.9	67.5-74.1
Leisure Time Physical Activity	4,774	64.0	61.9-66.0
No Moderate Physical Activity	3,361	69.4	66.9-71.8
Moderate Physical Activity	2,743	62.9	60.2-65.4
No Vigorous Physical Activity	4,947	67.9	65.9-69.8
Vigorous Physical Activity	1,305	61.0	57.1-64.7
Less Than Five Servings of Fruits and Vegetables	5,110	66.7	64.6-68.7
At Least Five Servings of Fruits and Vegetables	1,308	61.4	57.7-65.0
Current Smoker	1,243	63.5	59.3-67.4
Former Smoker	1,904	74.2	71.7-76.6
Never Smoked	3,378	62.5	59.9-65.0
Smokeless Tobacco Use	302	73.6	65.5-80.4
No Smokeless Tobacco Use	5,972	65.4	63.6-67.2
Diabetes	621	84.8	80.9-88.0
No Diabetes	5,914	64.1	62.3-66.0
Hypertension	2,216	79.6	77.5-81.5
No Hypertension	4,317	60.8	58.5-62.9
High Blood Cholesterol	2,130	76.2	73.9-78.4
No High Blood Cholesterol	3,266	63.2	60.9-65.6
No Health Insurance (18-64)	3,872	66.8	64.6-69.0
Health Insurance (18-64)	383	67.6	60.2-74.1
Employer Based Health Insurance Coverage (18-64)	2,474	66.0	63.4-68.6
Private Health Insurance Plan (18-64)	541	65.4	59.5-70.9
Medicare (18-64)	155	71.7	61.9-79.7
Medicaid or Medical Assistance (18-64)	147	77.2	65.8-85.6
The Military, CHAMPUS, TriCare, or the VA (18-64)	220	65.6	52.8-76.5
The Indian Health Service (18-64)	260	72.5	61.3-81.4
No Flu Shot (65+)	477	65.1	59.7-70.0
Flu Shot (65+)	1,526	64.6	61.7-67.3
No Pneumonia Shot (65+)	684	63.9	59.5-68.0
Pneumonia Shot (65+)	1,241	65.4	62.2-68.5
Doesn't Use Sun Block	4,002	67.4	65.2-69.6
Uses Sun Block	1,523	61.0	57.2-64.7
Doesn't Know Cervical Cancer-HPV Connection (Females)	728	60.4	55.9-64.8
Knows Cervical Cancer - HPV Connection (Females)	2,828	56.5	53.6-59.3
Drank Alcohol in Past 30 Days	3,404	65.6	63.2-67.9
No Alcohol in Past 30 Days	3,096	65.5	62.7-68.2
Binge Drinker	865	66.1	61.1-70.7
Not a Binge Drinker	5,544	65.9	64.0-67.7
Heavy Drinker	219	56.7	45.2-67.5
Not a Heavy Drinker	6,128	66.3	64.5-68.1
Previously Had a Heart Attack	446	77.3	72.3-81.6
Never Had a Heart Attack	6,064	64.8	63.0-66.7

Table 5 (continued)
Overweight or Obese for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Overweight or Obese	95% CI
Have Angina or Coronary Heart Disease	388	74.4	68.8-79.3
Do Not Have Angina or Coronary Heart Disease	6,074	65.2	63.3-67.0
Previously Had a Stroke	253	65.4	57.8-72.3
Never Had a Stroke	6,270	65.5	63.7-67.3
Current Asthma	481	66.4	58.5-73.5
Former Asthma	165	70.2	59.9-78.7
Never Had Asthma	5,850	65.3	63.4-67.1
Arthritis	2,304	72.6	70.0-75.0
No Arthritis	4,134	63.0	60.8-65.2
Arthritis - Activities Limited	1,093	76.8	73.3-79.9
No Arthritis - Activities Limited	5,327	64.0	62.0-65.9
Fair or Poor Health Status	1,092	73.6	69.6-77.2
Excellent, Very Good, or Good Health Status	5,427	64.4	62.4-66.3
Physical Health Not Good for 30 Days of the Past 30	490	69.8	63.7-75.2
Physical Health Not Good for 0-29 Days of the Past 30	5,909	65.2	63.4-67.1
Mental Health Not Good for 20-30 Days of the Past 30	352	75.6	69.2-81.0
Mental Health Not Good for 0-19 Days of the Past 30	6,084	65.1	63.2-66.9
Usual Activities Unattainable for 10-30 Days of the Past 30	469	72.8	67.2-77.8
Usual Activities Unattainable for 0-9 Days of the Past 30	6,015	65.0	63.2-66.9
Dissatisfied / Very Dissatisfied with Life	253	68.3	58.4-76.8
Satisfied / Very Satisfied with Life	6,039	65.6	63.8-67.4
Physical, Mental, or Emotional Disability	1,473	72.2	68.8-75.3
No Physical, Mental, or Emotional Disability	4,997	64.1	62.0-66.1
Disability with Special Equipment Needed	577	74.1	69.5-78.2
No Disability with Special Equipment Needed	5,897	65.0	63.2-66.9
Two or More Hours of TV Watched Per Day	4,659	69.2	67.2-71.2
Less Than Two Hours of TV Watched Per Day	1,529	57.4	53.8-60.9
Never Been Tested for HIV (18-64)	3,281	65.8	63.3-68.3
Been Tested for HIV (18-64)	981	66.5	62.4-70.4
Diarrhea in Past 30 Days	924	68.7	63.4-73.6
No Diarrhea in Past 30 Days	5,359	65.4	63.5-67.3
Military Veteran	992	78.2	74.9-81.1
Not a Military Veteran	5,541	63.5	61.5-65.5

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

OBESITY

Definition: Obesity is defined as respondents who report having a Body Mass Index (BMI) of 30.0 or above. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by his or her height in inches divided by height in inches (again) times 703 (i.e., $((wt/ht)/ht \times 703)$).

Prevalence of Obesity

- South Dakota 27.2%
- Nationwide median 26.3%

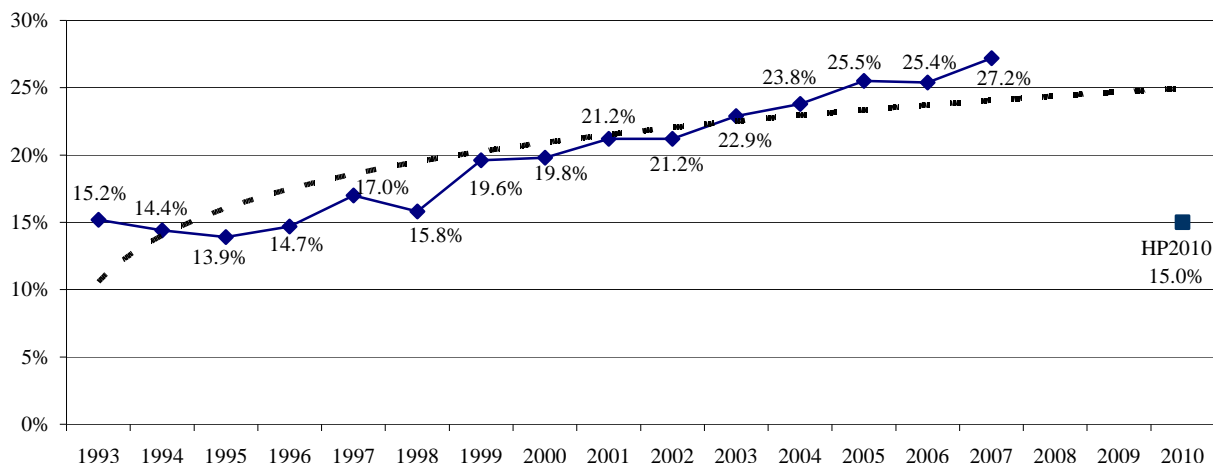
Healthy People 2010 Objective

Reduce the proportion of adults aged 20 years and older who are obese to 15 percent.

Trend Analysis

The percent of respondents who are obese was first asked in 1993 and has been increasing since 1998 when 15.8 percent of respondents were obese. There was an increase from 25.4 percent in 2006 to 27.2 percent in 2007. South Dakota did meet the *Healthy People 2010 Objective* of 15 percent from 1994 to 1996. However, in more recent years, South Dakota has been unable to reach the objective.

Figure 3
Percent of Respondents Who Are Obese Based on Body Mass Index, 1993-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2007

Demographics

Gender There is no significant difference between males and females overall. However, males who are in a household with \$75,000 or more for income, a college graduate, or widowed demonstrate a significantly higher prevalence of obesity than females in the same demographic categories.

Age	The prevalence of obesity generally increases until the 55-64 age group is attained where it seems to reach a high and then declines from there as age increases. This includes a significant decrease as the 75 and older age group is reached.
Race	American Indians exhibit a significantly higher prevalence of obesity than do whites. This difference is much more evident in females.
Region	Those in the central and American Indian counties region show a very high prevalence of obesity, while those in the west region demonstrate a very low prevalence. These regional differences are much more evident in females.
Household Income	The prevalence of obesity seems to generally decrease as household income increases. This association is much more evident in females.
Education	The prevalence of obesity generally decreases for females as education increases. Males do not exhibit this same association.
Employment Status	Those who are unable to work exhibit a very high prevalence of obesity, while those who are employed for wages, self-employed, homemakers, or retired show a very low prevalence. These differences among the various types of employment are much more evident in females.
Marital Status	Males who are married or widowed show a very high prevalence of obesity while males who have never been married demonstrate a very low prevalence. Females do not exhibit these same differences.

Table 6 Respondents Who Are Obese, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,536	27.2	(25.7-28.8)	2,786	28.0	(25.8-30.2)	3,750	26.4	(24.2-28.8)
Age									
18-24	236	22.6	(16.6-30.0)	123	13.0	(8.0-20.4)	113	33.1	(22.8-45.3)
25-34	733	27.4	(23.7-31.5)	299	29.2	(23.6-35.6)	434	25.4	(21.0-30.4)
35-44	887	31.2	(27.6-34.9)	416	32.6	(27.6-38.0)	471	29.6	(24.8-35.0)
45-54	1,360	28.5	(25.7-31.6)	595	32.3	(27.9-37.0)	765	24.6	(21.1-28.4)
55-64	1,272	32.1	(29.1-35.2)	568	33.1	(28.8-37.7)	704	30.9	(27.0-35.1)
65-74	1,008	26.4	(23.3-29.7)	419	29.0	(24.3-34.2)	589	23.8	(20.0-28.1)
75+	1,002	19.1	(16.4-22.2)	358	23.7	(18.7-29.5)	644	16.1	(13.2-19.4)
Race									
White	5,721	26.5	(24.9-28.2)	2,449	27.4	(25.2-29.7)	3,272	25.5	(23.2-28.0)
American Indian	576	38.2	(31.9-45.0)	229	37.1	(27.9-47.3)	347	39.4	(31.4-48.2)
Region									
Southeast	1,448	27.3	(24.4-30.4)	635	26.7	(22.9-30.9)	813	27.9	(23.6-32.6)
Northeast	1,411	27.5	(24.7-30.6)	627	30.0	(25.9-34.6)	784	24.6	(20.9-28.8)
Central	1,357	30.5	(27.2-34.0)	573	31.6	(26.9-36.6)	784	29.5	(24.8-34.6)
West	1,468	23.6	(20.9-26.6)	597	24.6	(20.9-28.8)	871	22.8	(19.0-27.1)
American Indian Counties	852	34.0	(29.6-38.6)	354	33.8	(27.5-40.8)	498	34.1	(28.3-40.4)
Household Income									
Less than \$10,000	297	42.8	(30.7-55.8)	100	36.4	(24.2-50.6)	197	47.0	(30.0-64.7)
\$10,000-\$14,999	351	34.9	(28.2-42.2)	121	33.3	(23.5-44.8)	230	35.9	(27.2-45.5)
\$15,000-\$19,999	480	33.1	(27.0-39.9)	177	32.7	(22.8-44.4)	303	33.5	(26.3-41.5)
\$20,000-\$24,999	634	31.3	(25.8-37.4)	231	26.9	(20.1-34.9)	403	34.6	(26.7-43.4)
\$25,000-\$34,999	851	26.2	(22.1-30.8)	384	22.7	(17.7-28.6)	467	30.5	(24.4-37.4)
\$35,000-\$49,999	1,125	29.6	(26.2-33.3)	526	29.7	(25.1-34.7)	599	29.6	(24.5-35.2)
\$50,000-\$74,999	1,037	27.5	(24.1-31.2)	486	30.5	(25.6-36.0)	551	24.1	(19.6-29.3)
\$75,000+	1,017	23.1	(20.1-26.5)	526	28.5	(24.1-33.4)	491	15.6	(12.0-19.9)

Table 6 (continued)
Respondents Who Are Obese, 2007

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Education									
8th Grade or Less	248	30.6	(24.1-38.0)	136	29.6	(21.3-39.5)	112	32.5	(23.3-43.3)
Some High School	368	24.4	(18.9-30.9)	146	22.8	(15.2-32.7)	222	26.1	(19.0-34.8)
High School or G.E.D.	2,137	28.1	(25.2-31.2)	985	25.6	(22.3-29.3)	1,152	30.9	(26.2-36.1)
Some Post-High School	1,828	29.8	(26.9-32.9)	679	30.0	(25.6-34.7)	1,149	29.7	(25.9-33.7)
College Graduate	1,946	24.1	(21.7-26.8)	837	29.6	(25.8-33.7)	1,109	18.4	(15.6-21.6)
Employment Status									
Employed for Wages	3,041	27.5	(25.4-29.8)	1,274	28.9	(25.9-32.1)	1,767	26.1	(22.9-29.5)
Self-employed	948	27.8	(24.1-31.9)	636	27.1	(22.8-31.9)	312	29.7	(23.1-37.3)
Unemployed	150	28.9	(19.6-40.3)	*	*	*	*	*	*
Homemaker	399	25.3	(19.3-32.5)	*	*	*	*	*	*
Retired	1,579	24.9	(22.5-27.6)	625	28.2	(24.2-32.6)	954	22.0	(19.2-25.2)
Unable to Work	313	40.0	(32.6-47.9)	133	33.5	(24.9-43.3)	180	46.2	(35.1-57.6)
Marital Status									
Married/Unmarried Couple	3,926	27.8	(26.1-29.7)	1,805	30.2	(27.7-32.8)	2,121	25.3	(22.8-27.9)
Divorced/Separated	903	26.3	(22.8-30.2)	397	25.9	(21.2-31.3)	506	26.7	(21.7-32.4)
Widowed	991	25.4	(22.4-28.7)	174	35.4	(27.1-44.6)	817	23.2	(20.1-26.6)
Never Married	704	26.0	(21.0-31.8)	408	20.6	(15.7-26.6)	296	35.0	(25.3-46.2)

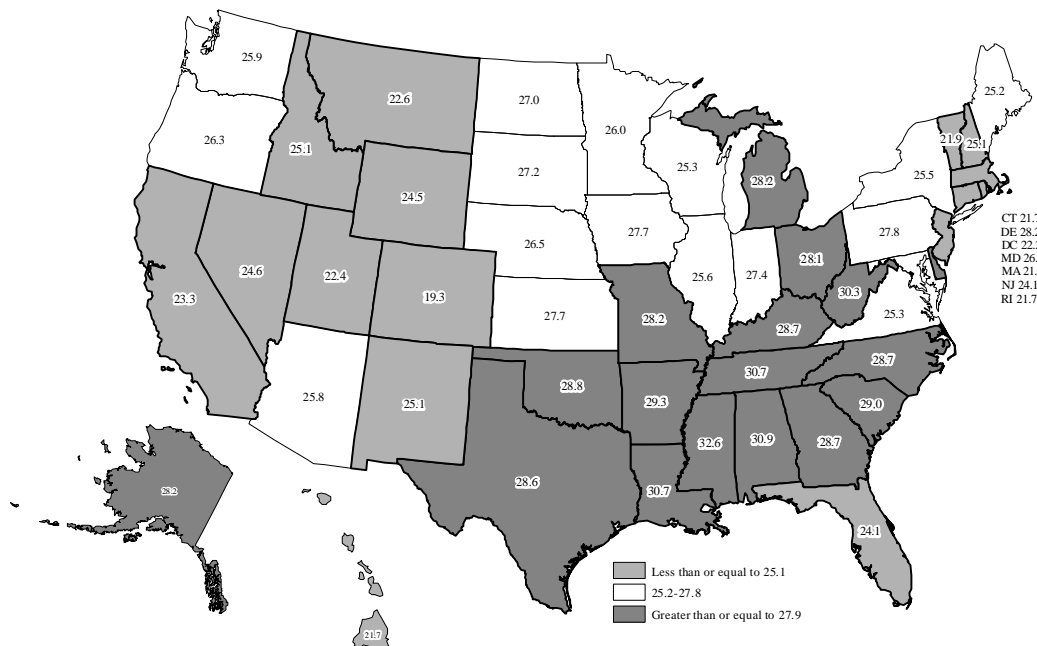
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

National Statistics

The national median for respondents who are obese was 26.3 percent. South Dakota had 27.2 percent of respondents who are obese. Colorado had the lowest percent of respondents who are obese with 19.3 percent, while Mississippi had the highest percent of respondents who are obese with 32.6 percent.

Figure 4
Nationally, Respondents Who Are Obese, 2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those who are obese for various health behaviors and conditions. For example, 50.7 percent of respondents who have diabetes are obese, while 25.5 percent of respondents who do not have diabetes are obese.

Table 7			
Obese Status for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Obese	95% CI
No Leisure Time Physical Activity	1,757	34.8	31.6-38.2
Leisure Time Physical Activity	4,774	25.0	23.3-26.8
No Moderate Physical Activity	3,361	31.7	29.4-34.1
Moderate Physical Activity	2,743	22.9	20.8-25.3
No Vigorous Physical Activity	4,947	29.9	28.1-31.8
Vigorous Physical Activity	1,305	20.6	17.7-23.7
Less Than Five Servings of Fruits and Vegetables	5,110	29.0	27.2-30.8
At Least Five Servings of Fruits and Vegetables	1,308	20.1	17.3-23.2
Current Smoker	1,243	28.7	24.8-33.0
Former Smoker	1,904	30.1	27.5-32.9
Never Smoked	3,378	25.5	23.4-27.6
Smokeless Tobacco Use	302	29.1	23.0-36.0
No Smokeless Tobacco Use	5,972	27.1	25.5-28.8
Diabetes	621	50.7	45.5-55.9
No Diabetes	5,914	25.5	24.0-27.2
Hypertension	2,216	39.3	36.7-42.0
No Hypertension	4,317	23.1	21.3-25.0
High Blood Cholesterol	2,130	34.5	31.9-37.2
No High Blood Cholesterol	3,266	24.8	22.8-27.1
No Health Insurance (18-64)	383	29.5	23.4-36.4
Health Insurance (18-64)	3,872	28.4	26.5-30.5
Employer Based Health Insurance Coverage (18-64)	2,474	27.2	25.0-29.6
Private Health Insurance Plan (18-64)	541	24.4	19.9-29.6
Medicare (18-64)	155	37.1	27.3-48.1
Medicaid or Medical Assistance (18-64)	147	48.5	33.7-63.5
The Military, CHAMPUS, TriCare, or the VA (18-64)	220	26.1	19.0-34.9
The Indian Health Service (18-64)	260	36.6	28.6-45.3
No Flu Shot (65+)	477	23.9	19.6-28.7
Flu Shot (65+)	1,526	22.1	19.8-24.6
No Pneumonia Shot (65+)	684	19.4	16.1-23.3
Pneumonia Shot (65+)	1,241	24.7	22.0-27.5
Doesn't Use Sun Block	4,002	27.2	25.3-29.3
Uses Sun Block	1,523	26.1	23.0-29.4
Doesn't Know Cervical Cancer - HPV Connection (Females)	728	25.0	21.1-29.4
Knows Cervical Cancer - HPV Connection (Females)	2,828	26.7	24.1-29.4
Drank Alcohol in Past 30 Days	3,404	25.5	23.6-27.5
No Alcohol in Past 30 Days	3,096	29.5	27.1-32.2
Binge Drinker	865	26.8	22.9-31.1
Not a Binge Drinker	5,544	27.5	25.8-29.3
Heavy Drinker	219	25.0	17.1-35.0
Not a Heavy Drinker	6,128	27.4	25.8-29.1
Previously Had a Heart Attack	446	37.2	31.5-43.3
Never Had a Heart Attack	6,064	26.7	25.1-28.4
Have Angina or Coronary Heart Disease	388	33.2	27.8-39.0
Do Not Have Angina or Coronary Heart Disease	6,074	27.0	25.4-28.6
Previously Had a Stroke	253	27.6	21.5-34.7
Never Had a Stroke	6,270	27.2	25.6-28.8

Table 7 (continued)
Obese Status for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Obese	95% CI
Current Asthma	481	35.6	29.4-42.4
Former Asthma	165	35.1	24.9-46.8
Never Had Asthma	5,850	26.3	24.7-28.0
Arthritis	2,304	34.8	32.2-37.4
No Arthritis	4,134	24.4	22.6-26.4
Arthritis - Activities Limited	1,093	42.9	39.1-46.8
No Arthritis - Activities Limited	5,327	24.9	23.3-26.7
Fair or Poor Health Status	1,092	42.2	38.2-46.3
Excellent, Very Good, or Good Health Status	5,427	25.1	23.5-26.8
Physical Health Not Good for 30 Days of the Past 30	490	40.0	34.4-45.8
Physical Health Not Good for 0-29 Days of the Past 30	5,909	26.5	24.9-28.1
Mental Health Not Good for 20-30 Days of the Past 30	352	39.9	32.5-47.8
Mental Health Not Good for 0-19 Days of the Past 30	6,084	26.5	24.9-28.1
Usual Activities Unattainable for 10-30 Days of the Past 30	469	38.1	32.7-43.9
Usual Activities Unattainable for 0-9 Days of the Past 30	6,015	26.5	24.9-28.1
Dissatisfied / Very Dissatisfied with Life	253	34.4	26.9-42.9
Satisfied / Very Satisfied with Life	6,039	26.8	25.2-28.4
Physical, Mental, or Emotional Disability	1,473	38.6	35.1-42.1
No Physical, Mental, or Emotional Disability	4,997	24.6	22.9-26.4
Disability with Special Equipment Needed	577	38.1	33.4-43.1
No Disability with Special Equipment Needed	5,897	26.5	24.9-28.2
Two or More Hours of TV Watched Per Day	4,659	29.7	27.8-31.7
Less Than Two Hours of TV Watched Per Day	1,529	21.0	18.4-23.9
Never Been Tested for HIV (18-64)	3,281	26.9	24.8-29.0
Been Tested for HIV (18-64)	981	32.4	28.1-37.0
Diarrhea in Past 30 Days	924	34.0	29.7-38.6
No Diarrhea in Past 30 Days	5,359	26.0	24.3-27.7
Military Veteran	992	29.1	25.7-32.8
Not a Military Veteran	5,541	26.9	25.2-28.7

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007